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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/825,066	04/15/2004	Alberto Sid	226/3	7220

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EXAMINER

VO, TUYET THI

ART UNIT PAPER NUMBER

2821

DATE MAILED: 01/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/825,066

Applicant(s)

SID, ALBERTO



Examiner

Tuyet Vo

Art Unit

2821

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 November 2005.  
2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-33 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-33 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 09 July 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 9/02/2004.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Specification***

The specification has been checked to the extent necessary to determine the presence of all possible minor errors. However, the applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

### ***Drawings***

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the permanent magnet, the laser pointer, the mechanical switch, the light detecting switch, the hall effect switch and the reed switch must be shown or the features canceled from the claims 4, 6-8, 21 and 23. No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 112***

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 9 and 24 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

4. Claims 9 and 24, lines 1-3, recitation of "An addressable lighting device and control system ...said addressable lighting device further includes a visual display means to indicate status" raises a confusion due to not identify a status of which device(s), the lighting device and/or the control system, via the visual display means.

***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. For best understood, claims 1-3, 5-20 and 22-35 are rejected under 35 U.S.C. 102(b) as being anticipated by Sid (US Pat. 6,369,524).

Regarding claims 1, 5, 6, 11, 12, 19, 22, 23, 26-31, 34 and 35, Sid discloses method and an addressable lighting device (210), a control system (200) and method for controlling an addressable lighting network, comprising:

at least one lighting device (220) with an electronic address and having an infrared detecting means (60);

Art Unit: 2821

a pushbutton (50) for switching the addressable lighting device into between a programming mode and other operating modes (col. 5, lines 47-59);

a microcontroller/microprocessor (300), and a controllable lighting means (360); and remote control means (90) to transmit a single channel signal (via infrared signals) to selectively or collectively set said electronic address for the addressable lighting device on which the device will respond to all future signals from the remote control corresponding to that electronic address or switch between a program mode to operating mode (col. 6, lines 1-15), wherein said microcontroller processes each incoming signal to determine if it pertains to said electronic address of said addressable device and if the electronic address corresponds then said controllable lighting means is activated in accordance with instructions in said incoming signal (col. 7, lines 16-35 and lines 63-67).

Regarding claims 2, 3, 7-10, 13-16, 24 and 25, Sid further discloses the remote control (90) having push buttons (91-95) as a keypad for transmitting a single signal and set parameter of the signal as well to switch the addressable lighting device (210) into the programming mode via the light transmitting mean (62), wherein the addressable lighting device (210) further includes a LED (56) for indicating the addressable lighting device (210) receives signals sent from the remote control (90) (col. 6, lines 8-15).

Regarding claims 17, 18, 32 and 33, Sid also teaches the remote control (90) includes a keypad (91-95) for globally access a plurality of addressable lighting devices to set a desired power intensity as same the buttons (51-55) on the addressable lighting device (col. 5, lines 45-67 and col. 6, lines 1-7), wherein the controller includes a decoded feature for processing incoming signals in a proper manner (col. 3, lines 43-50).

#### ***Allowable Subject Matter***

7. Claim 36 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

8. The following is a statement of reasons for the indication of allowable subject matter: the prior fails to establish steps of synchronizing said lighting devices to signal a beginning of

Art Unit: 2821

transmission of said serially transmitted data protocol; and b. generating said serially transmitted data protocol with an address field wherein a first byte of the address field being different than zero, and with an intensity level field corresponding to an intensity of a specific address defined by said address field as required in claim 36.

### *Citation of pertinent prior art*

9. The prior art made of record and not relied upon is considered pertinent to applicants' disclosure.

Kotola et al. (US Pat. 6,892,052) discloses radio frequency identification for short range radio communication.

Sid (US Pat. 6,761,470) discloses controller panel and system for light and serially networked lighting system.

Oschmann et al. (US Pat. 5,724,168) discloses wireless diffuse infrared LAN system.

Hjelt et al. (US Pub. 2004/0266480) discloses system and method for implementing sensor functionality in mobile devices.

### *Correspondence*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuyet Vo whose telephone number is 571 272 1830. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571 272 1834. The fax phone numbers for the organization where this application or proceeding is assigned are 571 273 8300 for regular communications and for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571 272 2800.

Information regarding the status of an application or status information for publicizing/unpublicizing applications may be obtained from the Patent Application Information

Art Unit: 2821

Retrieval (PAIR) system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the PAIR system, contact the Electronic Business Center (EBC) at toll free 866-217-9197.

A handwritten signature in black ink, appearing to read 'Tuyet Vo', is written over a horizontal line.

Tuyet Vo

Primary Examiner

January 17, 2006